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Dkt. 0655/67115-A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Qian Yang, et al.
Serial No. : 10/760,511
Filed : January 20, 2004
For : USING NEURAL NETWORKS FOR DATA MINING

1185 Avenue of the Americas
New York, New York 10036

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

INFORMATION DISCLOSURE STATEMENT

Pursuant to the applicant's duty of disclosure, the information listed in the attached Form PTO-1449 is brought to the attention of the Examiner. A copy of the information listed in the annexed Form PTO-1449 is also provided.

It is respectfully requested that the information cited in the annexed Form PTO-1449 be considered by the Examiner in connection with the above-identified patent application, and that such art be made of record in said application.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that these items are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of the particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this Information Disclosure Statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

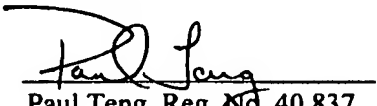
This Information Disclosure Statement is being filed pursuant to 37 C.F.R. §1.97(b)(3). To the best of Applicant's knowledge, this Information Disclosure Statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.

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The Office is hereby authorized to charge any additional fees which may be required for consideration of this Information Disclosure Statement and to credit any overpayment to our Deposit Account No. 03-3125.

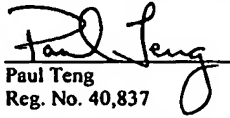
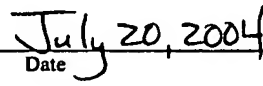
If a telephone interview would be of assistance in advancing prosecution of the subject application, applicants' undersigned attorney invites the Examiner to telephone him at the number provided below.

Respectfully submitted,


Paul Teng, Reg. No. 40,837
Attorney for Applicants
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10036
(212) 278-0400

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:

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Paul Teng Date
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Form PTO-549	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0655/67115-A	Serial No. 10/760,511
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicants: Qian YANG, et al.	
		Filing Date: January 20, 2004	Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
WSI	4 1 9 3 1 1 5	3-11-80	Albus			
WSI	4 2 1 5 3 9 6	7-29-80	Henry et al.			
WSI	4 4 3 8 4 9 7	3-20-84	Willis et al.			
WSI	4 6 4 9 5 1 5	3-10-87	Thompson et al.			
WSI	4 6 6 3 7 0 3	5-5-87	Axelby et al.			
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WSI	4 7 4 0 8 8 6	4-26-88	Tanifuji et al.			
WSI	4 7 5 4 4 1 0	6-28-88	Leech et al.			
WSI	4 8 5 8 1 4 7	8-15-89	Conwell			
WSI	4 9 2 8 4 8 4	5-29-90	Peczkowski			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

WSI	Surajit Chaudhuri, Usama Fayyad and Jeff Bernhardt, "Scalable Classification over SQL Databases", <u>Proceedings of the 15th International Conference on Data Engineering</u> , 23-26 March 1999, Sidney, Australia, pp. 470-479;
WSI	Dennis T. Lee, Yoh-Han Pao and Dejan J. Sobajic "Dynamic System Control Using Neural Networks", pp.25-30;
WSI	Yoh-Han Pao "Neural Net Computing For Patter Recognition" <u>Handbook of Pattern Recognition and Computer Vision</u> , pp. 125-162 (edited by C.H. Chen, L.F. Pau and P.S.P. Wang);
WSI	Bernard Widrow, Narendra K. Gupta, and Sidhartha Maitra (September 1973) "Punish/Reward: Learning With a Critic in Adaptive Threshold Systems", <u>IEEE Trans. Systems, Man and Cybernetics</u> , Vol. SMC-3, No. 5, pp. 455-465;
WSI	John A. Hartigan, (1975) "Interpretation and Evaluation of Clusters", <u>Clustering Algorithms</u> , pp. 12-14;
WSI	Yoh-Han Pao and Dejan J. Sobajic (1987) "Metric Synthesis and Concept Discovery With Connectionist Networks", <u>1987 IEEE</u> , pp. 390-395;
WSI	Bernard Widrow and Rodney Winter (March 1988) "Neural Nets for Adaptive Filtering and Adaptive Pattern Recognition", <u>IEEE Computer</u> , pp. 25-39;

EXAMINER /Wilbert L. Starks, Jr./	DATE CONSIDERED 07/09/2007
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 0655/67115-A	Serial No. 10/760,511
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WWS/	5 1 7 5 6 7 8	12-29-92	Frerichs et al.			
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WWS/	5 2 4 7 4 4 5	9-21-93	Miyano et al.			
WWS/	5 3 1 1 4 2 1	5-10-94	Nomura et al.			
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WWS/	6 1 3 4 5 3 7	10-17-00	Pao et al.			

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						Yes	No

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WWS/	Les Atlas, Jerome Connor and Mark Damborg (1991) "Comparisons of Conventional Techniques and Neural Network in Computer-aided Design", Artificial Intelligence in Engineering, 5(1):9-22;
WWS/	Miodrag Djukanov, Borivoje Babic, Dijan J. Sobajic and Yoh-Han Pao (1991) "Unsupervised/Supervised Learning Concept for 24-Hour Load Forecasting", Artificial Intelligence in Engineering, pp.819-827;
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